

Title (en)  
METHOD FOR PRODUCING A CONNECTING ROD

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES PLEUELS

Title (fr)  
PROCÉDÉ DE FABRICATION D'UNE BIELLE

Publication  
**EP 2029317 A1 20090304 (DE)**

Application  
**EP 07802147 A 20070905**

Priority  
• EP 2007007740 W 20070905  
• EP 06019412 A 20060915  
• EP 07802147 A 20070905

Abstract (en)  
[origin: EP1900473A1] The method involves forming a separated bearing carrier of a bearing component i.e. piston rod (1) by a bearing base (3) and a bearing cover (4). A bearing carrier surface is formed in the carrier for mounting a shaft, where the bearing surface is coated with a bearing layer (6) from a bearing layer material using a surface coating. A coating free area is formed, and a masking agent is arranged during the coating process for applying the layer perpendicular to a separation line at the bearing surface in such a manner that a recess (9) is produced in a predetermined breadth (B). An independent claim is also included for a bearing component of a molded part.

IPC 8 full level  
**B23P 15/00** (2006.01); **F16C 9/04** (2006.01)

CPC (source: EP US)  
**B23P 15/00** (2013.01 - EP US); **F16C 9/045** (2013.01 - EP US); **B23P 2700/04** (2013.01 - EP US); **Y10T 29/49288** (2015.01 - EP US); **Y10T 29/49705** (2015.01 - EP US); **Y10T 29/49707** (2015.01 - EP US); **Y10T 29/51** (2015.01 - EP US)

Citation (search report)  
See references of WO 2008031522A1

Cited by  
WO2013139402A1; CN103657912A; EP2711440A1; US9327302B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1900473 A1 20080319**; AT E477879 T1 20100915; BR PI0716753 A2 20131008; CA 2659420 A1 20090123; CA 2659420 C 20141209; DE 502007004799 D1 20100930; EP 2029317 A1 20090304; EP 2029317 B1 20100818; JP 2010503802 A 20100204; JP 2013234759 A 20131121; JP 5404398 B2 20140129; JP 5553924 B2 20140723; MX 2009002650 A 20090422; PL 2029317 T3 20110228; US 2010050432 A1 20100304; US 8234785 B2 20120807; WO 2008031522 A1 20080320; WO 2008031522 A8 20090312

DOCDB simple family (application)  
**EP 06019412 A 20060915**; AT 07802147 T 20070905; BR PI0716753 A 20070905; CA 2659420 A 20070905; DE 502007004799 T 20070905; EP 07802147 A 20070905; EP 2007007740 W 20070905; JP 2009527727 A 20070905; JP 2013126908 A 20130617; MX 2009002650 A 20070905; PL 07802147 T 20070905; US 44082707 A 20070905